

CLASSIFIED MESSAGE

ORIG :
UNIT :
EXT :
DATE : 21 APR 70

SECRET

ROUTING			
1		4	25X1
2		5	
3		6	

TO : SEE BELOW

FROM: NPIC

CONF:

INFO:

				23 APR 70 19 01		INITIALS
				DEFERRED	X	PRIORITY
				ROUTINE		OPERATIONAL IMMEDIATE

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OUT 69745

TO INFO

CITE NPIC

SAC OFFUTT AFB OMAHA, NEBR
100 SRW OL19 MCCOY AFB FLA
DIA WASH DC
CIA WASH DC
15TH AF MARCH AFB RIVERSIDE, CALIF
HQ USAF WASH DC
100 SRW DAVIS MONTHAN AFB ARIZ
12 SAD DAVIS MONTHAN AFB ARIZ
544 ARTW OFFUTT AFB OMAHA, NEBR
NAVRECONTECHSUPCEN, SUITLAND MD
WRAMA/WRNWA WARNER ROBBINS AFB, GA

8383

SECRET

SAC FOR DIRI, DOSR, DISD, DM4C; 100 SRW DAVIS MONTHAN AFB FOR
DO, DCOI, DCM, AEMS; 12 SAD FOR MD; DIA FOR DIAXX-1; HQ USAF FOR
AFIGOS, AFXOTR, 15th AF FOR DI, DO, DM4C.

(FILM EVALUATION REPORT FOR OLD HEAD MISSIONS)

-END OF MESSAGE-

COORDINATING OFFICERS

SECRET

25X1

25X1

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Signal Center Transmission Copy - DO NOT DETACH - Forward with Master

FILM EVALUATION REPORT FOR OLD HEAD MISSIONS (NOTE: SEND ALSO TO ☐ USE
"D" HEADER)

25X1

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		ROUTINE		OPERATIONAL IMMEDIATE	INITIALS

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TO

INFO

CITE

SUBJECT: EVALUATION OF OLD HEAD MSN G-118

1. IMAGE QUALITY: THE OVERALL IMAGE QUALITY OF THIS MISSION RANGES FROM POOR TO GOOD. THERE IS EXTREME VARIABILITY BETWEEN FRAMES (FWD AND AFT) AND SLIGHT VARIABILITY WITHIN INDIVIDUAL FRAMES. THE AFT FRAMES CONTAIN IMAGERY WHICH LACKS EDGE DEFINITION AND HAS A GENERAL SOFT APPEARANCE. THE FWD LOOKING FRAMES CONTAIN IMAGERY COMPARABLE TO THE BEST THIS SYSTEM HAS PRODUCED. IN SOME INSTANCES, BARRELS ON ARTILLERY PIECES AND RADAR CONFIGURATIONS ARE DETECTABLE. THIS VARIABILITY BETWEEN THE FWD AND AFT FRAMES IS APPARENTLY THE RESULT OF INTERNAL THERMAL GRADIENTS. THE VARIABILITY WITHIN INDIVIDUAL FRAMES IS LESS THAN THAT REPORTED ON PREVIOUS MISSION; PROBABLY BECAUSE OF THE NARROWER SLIT EMPLOYED ON THIS MISSION. IMAGE SMEAR IS ALMOST NON-EXISTENT, HOWEVER, SOME IMAGE DEGRADATION DUE TO VEHICLE VIBRATION IS STILL APPARENT ALTHOUGH NOT TO THE EXTENT EXPERIENCED ON PREVIOUS MISSIONS. CLOUD COVER AFFECTS APPROXIMATELY 20 PERCENT OF THE ENTIRE MSN. THE INTERPRETATION SUITABILITY IS CONSIDERED TO BE FAIR TO GOOD.

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2. MSN DATA:

- A. G-118, 17 APR 70
- B. I-2, 8011
- C. A/C 330
- D. STEREO
- E. T/O: 1100Z, C/ON: 1312Z
- F. S0-349
- G. SLIT: 0.067 IN
- H. MX819-1, NRTSC

3. ORIGINAL NEGATIVE:

- A. EXPOSURE: ADEQUATE FOR INTERPRETATION PURPOSES.
- B. DENSITY AND CONTRAST: GENERALLY MEDIUM.
- C. IMAGE DEGRADATIONS: A BAND OF FOG IS PRESENT 3 INCHES FROM THE TAKE-UP END OF MOST FWD FRAMES. THIS FOG PATTERN EXTENDS ACROSS THE FORMAT AND APPEARS TO BE AN IMAGE OF THE SLIT. THE CAPPING SHUTTER FAILED TO CLOSE ON FRAME 614 RESULTING IN A SIX INCH EXTENSION OF THE

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FORMAT AT THE SUPPLY END. THE EXTENDED FORMAT OVERLAPS THE DATA CHAMBER AREA AND PART OF FRAME 615. ALL OTHER DEGRADATIONS ARE MINOR AND ARE CONSIDERED TO BE CHARACTERISTICS OF UNIT 8011.

D. PHYSICAL DEGRADATIONS: FINE EMULSION SCRATCHES ARE PRESENT THROUGHOUT THE MISSION. THERE ARE 3 HEAT SPLICES AND ONE ULTRA-SONIC SPLICE PRESENT ON THIS MISSION.

E. DATA RECORDING EQUIPMENT: ALL SYSTEMS FUNCTIONED PROPERLY.

F. OTHER: THIS IS THE SECOND MISSION UTILIZING FILM TYPE S0-349. THE FILM COMPARES FAVORABLY WITH FILM TYPE 3404 UNDER OPERATIONAL CONDITIONS. THIS FILM TYPE APPEARS TO BE COMPATIBLE WITH THIS SYSTEM.

4. POSITIVES: PRINTING AND PROCESSING ARE GOOD.

END OF MESSAGE

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